Bianca H Habermann

List of Publications by Citations

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96 124 9,349 54 h-index g-index citations papers 10,956 10.9 5.74 144 L-index avg, IF ext. citations ext. papers

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 124 | Genome-wide analysis of human kinases in clathrin- and caveolae/raft-mediated endocytosis. <i>Nature</i> , 2005 , 436, 78-86 | 50.4 | 523 |
| 123 | Dynamin and the actin cytoskeleton cooperatively regulate plasma membrane invagination by BAR and F-BAR proteins. <i>Developmental Cell</i> , 2005 , 9, 791-804 | 10.2 | 484 |
| 122 | APPL proteins link Rab5 to nuclear signal transduction via an endosomal compartment. <i>Cell</i> , 2004 , 116, 445-56 | 56.2 | 453 |
| 121 | Systems survey of endocytosis by multiparametric image analysis. <i>Nature</i> , 2010 , 464, 243-9 | 50.4 | 340 |
| 120 | An endoribonuclease-prepared siRNA screen in human cells identifies genes essential for cell division. <i>Nature</i> , 2004 , 432, 1036-40 | 50.4 | 339 |
| 119 | High-resolution TADs reveal DNA sequences underlying genome organization in flies. <i>Nature Communications</i> , 2018 , 9, 189 | 17.4 | 292 |
| 118 | The axolotl genome and the evolution of key tissue formation regulators. <i>Nature</i> , 2018 , 554, 50-55 | 50.4 | 279 |
| 117 | The endosomal protein Appl1 mediates Akt substrate specificity and cell survival in vertebrate development. <i>Cell</i> , 2008 , 133, 486-97 | 56.2 | 260 |
| 116 | Modulation of receptor recycling and degradation by the endosomal kinesin KIF16B. <i>Cell</i> , 2005 , 121, 437-50 | 56.2 | 257 |
| 115 | Genome-scale RNAi profiling of cell division in human tissue culture cells. <i>Nature Cell Biology</i> , 2007 , 9, 1401-12 | 23.4 | 254 |
| 114 | Mechanical regulation of transcription controls Polycomb-mediated gene silencing during lineage commitment. <i>Nature Cell Biology</i> , 2016 , 18, 864-75 | 23.4 | 241 |
| 113 | Centriole assembly requires both centriolar and pericentriolar material proteins. <i>Developmental Cell</i> , 2004 , 7, 815-29 | 10.2 | 239 |
| 112 | The BAR-domain family of proteins: a case of bending and binding?. <i>EMBO Reports</i> , 2004 , 5, 250-5 | 6.5 | 237 |
| 111 | MTERF4 regulates translation by targeting the methyltransferase NSUN4 to the mammalian mitochondrial ribosome. <i>Cell Metabolism</i> , 2011 , 13, 527-39 | 24.6 | 190 |
| 110 | HAUS, the 8-subunit human Augmin complex, regulates centrosome and spindle integrity. <i>Current Biology</i> , 2009 , 19, 816-26 | 6.3 | 186 |
| 109 | The Caenorhabditis elegans centrosomal protein SPD-2 is required for both pericentriolar material recruitment and centriole duplication. <i>Current Biology</i> , 2004 , 14, 863-73 | 6.3 | 186 |
| 108 | NSUN4 is a dual function mitochondrial protein required for both methylation of 12S rRNA and coordination of mitoribosomal assembly. <i>PLoS Genetics</i> , 2014 , 10, e1004110 | 6 | 179 |

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| 107 | The kinetically dominant assembly pathway for centrosomal asters in Caenorhabditis elegans is gamma-tubulin dependent. <i>Journal of Cell Biology</i> , 2002 , 157, 591-602 | 7.3 | 178 |
|-----|---|------|-----|
| 106 | Rec8 phosphorylation by casein kinase 1 and Cdc7-Dbf4 kinase regulates cohesin cleavage by separase during meiosis. <i>Developmental Cell</i> , 2010 , 18, 397-409 | 10.2 | 158 |
| 105 | Genome-wide resources of endoribonuclease-prepared short interfering RNAs for specific loss-of-function studies. <i>Nature Methods</i> , 2007 , 4, 337-44 | 21.6 | 151 |
| 104 | Mutations in mouse Aspm (abnormal spindle-like microcephaly associated) cause not only microcephaly but also major defects in the germline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16595-600 | 11.5 | 143 |
| 103 | The power and the limitations of cross-species protein identification by mass spectrometry-driven sequence similarity searches. <i>Molecular and Cellular Proteomics</i> , 2004 , 3, 238-49 | 7.6 | 133 |
| 102 | The planarian Schmidtea mediterranea as a model for epigenetic germ cell specification: analysis of ESTs from the hermaphroditic strain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 18491-6 | 11.5 | 128 |
| 101 | Distinct roles for two C. elegans anillins in the gonad and early embryo. <i>Development (Cambridge)</i> , 2005 , 132, 2837-48 | 6.6 | 127 |
| 100 | DEQOR: a web-based tool for the design and quality control of siRNAs. <i>Nucleic Acids Research</i> , 2004 , 32, W113-20 | 20.1 | 120 |
| 99 | Apoptosis protection by the Epo target Bcl-X(L) allows factor-independent differentiation of primary erythroblasts. <i>Current Biology</i> , 2002 , 12, 1076-85 | 6.3 | 119 |
| 98 | XMAP215: a key component of the dynamic microtubule cytoskeleton. <i>Trends in Cell Biology</i> , 2002 , 12, 267-73 | 18.3 | 117 |
| 97 | Stu2 promotes mitotic spindle elongation in anaphase. Journal of Cell Biology, 2001, 153, 435-42 | 7.3 | 104 |
| 96 | Chromatin Central: towards the comparative proteome by accurate mapping of the yeast proteomic environment. <i>Genome Biology</i> , 2008 , 9, R167 | 18.3 | 96 |
| 95 | An essential function of the C. elegans ortholog of TPX2 is to localize activated aurora A kinase to mitotic spindles. <i>Developmental Cell</i> , 2005 , 9, 237-48 | 10.2 | 94 |
| 94 | Comparative RNA-seq analysis in the unsequenced axolotl: the oncogene burst highlights early gene expression in the blastema. <i>PLoS Computational Biology</i> , 2013 , 9, e1002936 | 5 | 92 |
| 93 | Structure of the human MTERF4-NSUN4 protein complex that regulates mitochondrial ribosome biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15253-8 | 11.5 | 87 |
| 92 | The MMS22L-TONSL complex mediates recovery from replication stress and homologous recombination. <i>Molecular Cell</i> , 2010 , 40, 619-31 | 17.6 | 85 |
| 91 | Comparative transcriptional profiling of the axolotl limb identifies a tripartite regeneration-specific gene program. <i>PLoS ONE</i> , 2013 , 8, e61352 | 3.7 | 82 |
| 90 | Hypermethylation of gene body CpG islands predicts high dosage of functional oncogenes in liver cancer. <i>Nature Communications</i> , 2018 , 9, 3164 | 17.4 | 80 |

| 89 | MTERF1 binds mtDNA to prevent transcriptional interference at the light-strand promoter but is dispensable for rRNA gene transcription regulation. <i>Cell Metabolism</i> , 2013 , 17, 618-26 | 24.6 | 78 |
|----|---|----------------|----|
| 88 | Correction for Zayas et al., The planarian Schmidtea mediterranea as a model for epigenetic germ cell specification: Analysis of ESTs from the hermaphroditic strain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19033-19033 | 11.5 | 78 |
| 87 | From biomedicine to natural history research: EST resources for ambystomatid salamanders. <i>BMC Genomics</i> , 2004 , 5, 54 | 4.5 | 75 |
| 86 | Caenorhabditis elegans screen reveals role of PAR-5 in RAB-11-recycling endosome positioning and apicobasal cell polarity. <i>Nature Cell Biology</i> , 2012 , 14, 666-76 | 23.4 | 73 |
| 85 | A cell cycle-regulated Slx4-Dpb11 complex promotes the resolution of DNA repair intermediates linked to stalled replication. <i>Genes and Development</i> , 2014 , 28, 1604-19 | 12.6 | 70 |
| 84 | DNA-protein crosslink repair: proteases as DNA repair enzymes. <i>Trends in Biochemical Sciences</i> , 2015 , 40, 67-71 | 10.3 | 70 |
| 83 | MTERF3 regulates mitochondrial ribosome biogenesis in invertebrates and mammals. <i>PLoS Genetics</i> , 2013 , 9, e1003178 | 6 | 70 |
| 82 | Production of endoribonuclease-prepared short interfering RNAs for gene silencing in mammalian cells. <i>Nature Methods</i> , 2005 , 2, 779-84 | 21.6 | 69 |
| 81 | Isolation of translationally controlled mRNAs by differential screening. FASEB Journal, 2000, 14, 1641-5 | 5 2 0.9 | 69 |
| 80 | Molecular strategies of the Caenorhabditis elegans dauer larva to survive extreme desiccation. <i>PLoS ONE</i> , 2013 , 8, e82473 | 3.7 | 67 |
| 79 | LET-767 is required for the production of branched chain and long chain fatty acids in Caenorhabditis elegans. <i>Journal of Biological Chemistry</i> , 2008 , 283, 17550-60 | 5.4 | 64 |
| 78 | Homology-based functional proteomics by mass spectrometry: application to the Xenopus microtubule-associated proteome. <i>Proteomics</i> , 2004 , 4, 2707-21 | 4.8 | 64 |
| 77 | An Ambystoma mexicanum EST sequencing project: analysis of 17,352 expressed sequence tags from embryonic and regenerating blastema cDNA libraries. <i>Genome Biology</i> , 2004 , 5, R67 | 18.3 | 64 |
| 76 | The clathrin adaptor Gga2p is a phosphatidylinositol 4-phosphate effector at the Golgi exit. <i>Molecular Biology of the Cell</i> , 2008 , 19, 1991-2002 | 3.5 | 63 |
| 75 | Mitochondrial fusion is required for regulation of mitochondrial DNA replication. <i>PLoS Genetics</i> , 2019 , 15, e1008085 | 6 | 62 |
| 74 | Compromised Mitochondrial Protein Import Acts as a Signal for UPR. <i>Cell Reports</i> , 2019 , 28, 1659-1669. | e 5o.6 | 59 |
| 73 | Dietary restriction induced longevity is mediated by nuclear receptor NHR-62 in Caenorhabditis elegans. <i>PLoS Genetics</i> , 2013 , 9, e1003651 | 6 | 58 |
| 72 | Swm1/Apc13 is an evolutionarily conserved subunit of the anaphase-promoting complex stabilizing the association of Cdc16 and Cdc27. <i>Molecular and Cellular Biology</i> , 2004 , 24, 3562-76 | 4.8 | 55 |

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| A novel 3-hydroxysteroid dehydrogenase that regulates reproductive development and longevity. <i>PLoS Biology</i> , 2012 , 10, e1001305 | 9.7 | 54 |
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| Structure of a Cytoplasmic 11-Subunit RNA Exosome Complex. <i>Molecular Cell</i> , 2016 , 63, 125-34 | 17.6 | 53 |
| Conformational adaptability of Redbeta during DNA annealing and implications for its structural relationship with Rad52. <i>Journal of Molecular Biology</i> , 2009 , 391, 586-98 | 6.5 | 50 |
| mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. <i>Nature Communications</i> , 2015 , 6, 8192 | 17.4 | 47 |
| Vav Proteins Are Key Regulators of Card9 Signaling for Innate Antifungal Immunity. <i>Cell Reports</i> , 2016 , 17, 2572-2583 | 10.6 | 47 |
| The bicoid stability factor controls polyadenylation and expression of specific mitochondrial mRNAs in Drosophila melanogaster. <i>PLoS Genetics</i> , 2011 , 7, e1002324 | 6 | 46 |
| Erythroid progenitor renewal versus differentiation: genetic evidence for cell autonomous, essential functions of EpoR, Stat5 and the GR. <i>Oncogene</i> , 2006 , 25, 2890-900 | 9.2 | 46 |
| The RNA-binding protein Arrest (Bruno) regulates alternative splicing to enable myofibril maturation in Drosophila flight muscle. <i>EMBO Reports</i> , 2015 , 16, 178-91 | 6.5 | 39 |
| A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. <i>ELife</i> , 2018 , 7, | 8.9 | 37 |
| Merging and scoring molecular interactions utilising existing community standards: tools, use-cases and a case study. <i>Database: the Journal of Biological Databases and Curation</i> , 2015 , 2015, | 5 | 36 |
| Structure of leech derived tryptase inhibitor (LDTI-C) in solution. FEBS Letters, 1994, 355, 290-6 | 3.8 | 33 |
| Altered lipid metabolism in the aging kidney identified by three layered omic analysis. <i>Aging</i> , 2016 , 8, 441-57 | 5.6 | 33 |
| The interaction properties of the human Rab GTPase familycomparative analysis reveals determinants of molecular binding selectivity. <i>PLoS ONE</i> , 2012 , 7, e34870 | 3.7 | 32 |
| Human intellectual disability genes form conserved functional modules in Drosophila. <i>PLoS Genetics</i> , 2013 , 9, e1003911 | 6 | 32 |
| Secretory cargo sorting by Ca2+-dependent Cab45 oligomerization at the trans-Golgi network. <i>Journal of Cell Biology</i> , 2016 , 213, 305-14 | 7.3 | 30 |
| Tools for visualization and analysis of molecular networks, pathways, and -omics data. <i>Advances and Applications in Bioinformatics and Chemistry</i> , 2015 , 8, 11-22 | 1.5 | 29 |
| Cofilin recruits F-actin to SPCA1 and promotes Ca2+-mediated secretory cargo sorting. <i>Journal of Cell Biology</i> , 2014 , 206, 635-54 | 7.3 | 27 |
| The cytoplasmic poly(A) polymerases GLD-2 and GLD-4 promote general gene expression via distinct mechanisms. <i>Nucleic Acids Research</i> , 2014 , 42, 11622-33 | 20.1 | 27 |
| | Structure of a Cytoplasmic 11-Subunit RNA Exosome Complex. <i>Molecular Cell</i> , 2016, 63, 125-34 Conformational adaptability of Redbeta during DNA annealing and implications for its structural relationship with Rad52. <i>Journal of Molecular Biology</i> , 2009, 391, 586-98 mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. <i>Nature Communications</i> , 2015, 6, 8192 Vav Proteins Are Key Regulators of Card9 Signaling for Innate Antifungal Immunity. <i>Cell Reports</i> , 2016, 17, 2572-2583 The bicoid stability factor controls polyadenylation and expression of specific mitochondrial mRNAs in Drosophila melanogaster. <i>PLoS Genetics</i> , 2011, 7, e1002324 Erythroid progenitor renewal versus differentiation: genetic evidence for cell autonomous, essential functions of EpoR, Stat5 and the CR. <i>Oncogene</i> , 2006, 25, 2890-900 The RNA-binding protein Arrest (Bruno) regulates alternative splicing to enable myofibril maturation in Drosophila flight muscle. <i>EMBO Reports</i> , 2015, 16, 178-91 A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. <i>ELIfe</i> , 2018, 7, Merging and scoring molecular interactions utilising existing community standards: tools, use-cases and a case study. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, Structure of leech derived tryptase inhibitor (LDTI-C) in solution. <i>FEBS Letters</i> , 1994, 355, 290-6 Altered lipid metabolism in the aging kidney identified by three layered omic analysis. <i>Aging</i> , 2016, 8, 441-57 The interaction properties of the human Rab GTPase family—comparative analysis reveals determinants of molecular binding selectivity. <i>PLoS ONE</i> , 2012, 7, e34870 Human intellectual disability genes form conserved functional modules in Drosophila. <i>PLoS Genetics</i> , 2013, 9, e1003911 Secretory cargo sorting by Ca2+-dependent Cab45 oligomerization at the trans-Golgi network. <i>Journal of Cell Biology</i> , 2016, 213, 305-14 Tools for visualization and analysis of molecular networks, pathw | Structure of a Cytoplasmic 11-Subunit RNA Exosome Complex. Molecular Cell, 2016, 63, 125-34 17.6 Conformational adaptability of Redbeta during DNA annealing and implications for its structural relationship with Rad52. Journal of Molecular Biology, 2009, 391, 586-98 mRNA export through an additional cap-binding complex consisting of NCBP1 and NCBP3. Nature Communications, 2015, 6, 8192 Vav Proteins Are Key Regulators of Card9 Signaling for Innate Antifungal Immunity. Cell Reports, 2016, 17, 2572-2583 The bicoid stability factor controls polyadenylation and expression of specific mitochondrial mRNAs in Drosophila melanogaster. PLoS Genetics, 2011, 7, e1002324 Erythroid progenitor renewal versus differentiation: genetic evidence for cell autonomous, essential functions of EpoR, Stat5 and the GR. Oncogene, 2006, 25, 2890-900 The RNA-binding protein Arrest (Bruno) regulates alternative splicing to enable myofibril maturation in Drosophila flight muscle. EMBO Reports, 2015, 16, 178-91 A transcriptomics resource reveals a transcriptional transition during ordered sarcomere morphogenesis in flight muscle. ELIfe, 2018, 7, Merging and scoring molecular interactions utilising existing community standards: tools, use-cases and a case study. Database: the Journal of Biological Databases and Curation, 2015, 2015, Structure of leech derived tryptase inhibitor (LDTI-C) in solution. FEBS Letters, 1994, 355, 290-6 3.8 Altered lipid metabolism in the aging kidney identified by three layered omic analysis. Aging, 2016, 8, 441-57 The interaction properties of the human Rab GTPase familycomparative analysis reveals determinants of molecular binding selectivity. PLoS ONE, 2012, 7, e34870 4. Human intellectual disability genes form conserved functional modules in Drosophila. PLoS Genetics, 2013, 9, e1003911 Secretory cargo sorting by Ca2+-dependent Cab45 oligomerization at the trans-Golgi network. Journal of Cell Biology, 2016, 213, 305-14 Tools for visualization and analysis of molecular networks, pathways, and -omi |

| 53 | Islet cell autoantigen of 69 kDa is an arfaptin-related protein associated with the Golgi complex of insulinoma INS-1 cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 26166-73 | 5.4 | 27 |
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| 52 | Human Holliday junction resolvase GEN1 uses a chromodomain for efficient DNA recognition and cleavage. <i>ELife</i> , 2015 , 4, | 8.9 | 21 |
| 51 | Integrative analysis and machine learning on cancer genomics data using the Cancer Systems Biology Database (CancerSysDB). <i>BMC Bioinformatics</i> , 2018 , 19, 156 | 3.6 | 20 |
| 50 | Regulation and function of H3K36 di-methylation by the trithorax-group protein complex AMC. <i>Development (Cambridge)</i> , 2018 , 145, | 6.6 | 20 |
| 49 | Translational control of putative protooncogene Nm23-M2 by cytokines via phosphoinositide 3-kinase signaling. <i>Journal of Biological Chemistry</i> , 2004 , 279, 38169-76 | 5.4 | 20 |
| 48 | Drosophila melanogaster LRPPRC2 is involved in coordination of mitochondrial translation. <i>Nucleic Acids Research</i> , 2014 , 42, 13920-38 | 20.1 | 18 |
| 47 | SeLOXa locus of recombination site search tool for the detection and directed evolution of site-specific recombination systems. <i>Nucleic Acids Research</i> , 2010 , 38, W293-8 | 20.1 | 16 |
| 46 | The complete and fully assembled genome sequence of Aeromonas salmonicida subsp. pectinolytica and its comparative analysis with other Aeromonas species: investigation of the mobilome in environmental and pathogenic strains. <i>BMC Genomics</i> , 2018 , 19, 20 | 4.5 | 15 |
| 45 | Designing efficient and specific endoribonuclease-prepared siRNAs. <i>Methods in Molecular Biology</i> , 2013 , 942, 193-204 | 1.4 | 15 |
| 44 | Interaction between Sec7p and Pik1p: the first clue for the regulation of a coincidence detection signal. <i>European Journal of Cell Biology</i> , 2010 , 89, 575-83 | 6.1 | 15 |
| 43 | mitoXplorer, a visual data mining platform to systematically analyze and visualize mitochondrial expression dynamics and mutations. <i>Nucleic Acids Research</i> , 2020 , 48, 605-632 | 20.1 | 15 |
| 42 | The Integrated RNA Landscape of Renal Preconditioning against Ischemia-Reperfusion Injury. Journal of the American Society of Nephrology: JASN, 2020, 31, 716-730 | 12.7 | 11 |
| 41 | Transcriptional profiling reveals progeroid Ercc1(-/🏿 mice as a model system for glomerular aging. <i>BMC Genomics</i> , 2013 , 14, 559 | 4.5 | 11 |
| 40 | Identification of the C. elegans anaphase promoting complex subunit Cdc26 by phenotypic profiling and functional rescue in yeast. <i>BMC Developmental Biology</i> , 2007 , 7, 19 | 3.1 | 11 |
| 39 | Atf3 links loss of epithelial polarity to defects in cell differentiation and cytoarchitecture. <i>PLoS Genetics</i> , 2018 , 14, e1007241 | 6 | 11 |
| 38 | Phenotypic and genomic comparison of Photorhabdus luminescens subsp. laumondii TT01 and a widely used rifampicin-resistant Photorhabdus luminescens laboratory strain. <i>BMC Genomics</i> , 2018 , 19, 854 | 4.5 | 11 |
| 37 | Whole-genome comparison between the type strain of Halobacterium salinarum (DSM 3754) and the laboratory strains R1 and NRC-1. <i>MicrobiologyOpen</i> , 2020 , 9, e974 | 3.4 | 10 |
| 36 | Postnatal Tshz3 Deletion Drives Altered Corticostriatal Function and Autism Spectrum Disorder-like Behavior. <i>Biological Psychiatry</i> , 2019 , 86, 274-285 | 7.9 | 9 |

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| 35 | The deregulated microRNAome contributes to the cellular response to aneuploidy. <i>BMC Genomics</i> , 2018 , 19, 197 | 4.5 | 8 |
|----------------------------|--|--------------------------------|---|
| 34 | Revision and reannotation of the Halomonas elongata DSM 2581 genome. <i>MicrobiologyOpen</i> , 2017 , 6, e00465 | 3.4 | 8 |
| 33 | PDZ-domain-binding sites are common among cadherins. <i>Development Genes and Evolution</i> , 2006 , 216, 737-41 | 1.8 | 8 |
| 32 | Prednisolone rescues Duchenne muscular dystrophy phenotypes in human pluripotent stem cell-derived skeletal muscle in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 8 |
| 31 | The Hippo pathway controls myofibril assembly and muscle fiber growth by regulating sarcomeric gene expression. <i>ELife</i> , 2021 , 10, | 8.9 | 8 |
| 30 | HH-MOTiF: de novo detection of short linear motifs in proteins by Hidden Markov Model comparisons. <i>Nucleic Acids Research</i> , 2017 , 45, W470-W477 | 20.1 | 7 |
| 29 | Structural basis for the antagonistic roles of RNP-8 and GLD-3 in GLD-2 poly(A)-polymerase activity. <i>Rna</i> , 2016 , 22, 1139-45 | 5.8 | 7 |
| 28 | KEGGViewer, a BioJS component to visualize KEGGPathways. F1000Research, 2014, 3, 43 | 3.6 | 7 |
| 27 | ProFAT: a web-based tool for the functional annotation of protein sequences. <i>BMC Bioinformatics</i> , 2006 , 7, 466 | 3.6 | 6 |
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| 26 | Evaluating the landscape of gene cooperativity with receptor tyrosine kinases in liver tumorigenesis using transposon-mediated mutagenesis. <i>Journal of Hepatology</i> , 2019 , 70, 470-482 | 13.4 | 6 |
| 26 25 | | 13.4 | 5 |
| | tumorigenesis using transposon-mediated mutagenesis. <i>Journal of Hepatology</i> , 2019 , 70, 470-482 Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> | | |
| 25 | tumorigenesis using transposon-mediated mutagenesis. <i>Journal of Hepatology</i> , 2019 , 70, 470-482 Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019 , 38, The Genome Sequence of the Halobacterium salinarum Type Strain Is Closely Related to That of | 13 | 5 |
| 25 24 | Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019 , 38, The Genome Sequence of the Halobacterium salinarum Type Strain Is Closely Related to That of Laboratory Strains NRC-1 and R1. <i>Microbiology Resource Announcements</i> , 2019 , 8, morFeus: a web-based program to detect remotely conserved orthologs using symmetrical best | 13 | 5 |
| 25 24 23 | Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019, 38, The Genome Sequence of the Halobacterium salinarum Type Strain Is Closely Related to That of Laboratory Strains NRC-1 and R1. <i>Microbiology Resource Announcements</i> , 2019, 8, morFeus: a web-based program to detect remotely conserved orthologs using symmetrical best hits and orthology network scoring. <i>BMC Bioinformatics</i> , 2014, 15, 263 A Tad-like apparatus is required for contact-dependent prey killing in predatory social bacteria. | 13 1.3 3.6 | 555 |
| 25 24 23 22 | Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019, 38, The Genome Sequence of the Halobacterium salinarum Type Strain Is Closely Related to That of Laboratory Strains NRC-1 and R1. <i>Microbiology Resource Announcements</i> , 2019, 8, morFeus: a web-based program to detect remotely conserved orthologs using symmetrical best hits and orthology network scoring. <i>BMC Bioinformatics</i> , 2014, 15, 263 A Tad-like apparatus is required for contact-dependent prey killing in predatory social bacteria. <i>ELife</i> , 2021, 10, Virtual pathway explorer (viPEr) and pathway enrichment analysis tool (PEANuT): creating and analyzing focus networks to identify cross-talk between molecules and pathways. <i>BMC Genomics</i> , | 13 1.3 3.6 8.9 | 5555 |
| 25 24 23 22 21 | Slx5/Slx8-dependent ubiquitin hotspots on chromatin contribute to stress tolerance. <i>EMBO Journal</i> , 2019, 38, The Genome Sequence of the Halobacterium salinarum Type Strain Is Closely Related to That of Laboratory Strains NRC-1 and R1. <i>Microbiology Resource Announcements</i> , 2019, 8, morFeus: a web-based program to detect remotely conserved orthologs using symmetrical best hits and orthology network scoring. <i>BMC Bioinformatics</i> , 2014, 15, 263 A Tad-like apparatus is required for contact-dependent prey killing in predatory social bacteria. <i>ELife</i> , 2021, 10, Virtual pathway explorer (viPEr) and pathway enrichment analysis tool (PEANuT): creating and analyzing focus networks to identify cross-talk between molecules and pathways. <i>BMC Genomics</i> , 2015, 16, 790 A user-centred evaluation framework for the Sealife semantic web browsers. <i>BMC Bioinformatics</i> , | 13 1.3 3.6 8.9 4.5 | 5554 |

| 17 | A Guide to Computational Methods for Predicting Mitochondrial Localization. <i>Methods in Molecular Biology</i> , 2017 , 1567, 1-14 | 1.4 | 2 |
|----|---|------|---|
| 16 | Characterization of the sea urchin mitochondrial transcription factor A reveals unusual features. <i>Mitochondrion</i> , 2014 , 14, 34-41 | 4.9 | 2 |
| 15 | HMMerThread: detecting remote, functional conserved domains in entire genomes by combining relaxed sequence-database searches with fold recognition. <i>PLoS ONE</i> , 2011 , 6, e17568 | 3.7 | 2 |
| 14 | and Expression in Mouse Striatal Cholinergic Interneurons: Implications for Autism Spectrum Disorder. <i>Frontiers in Genetics</i> , 2021 , 12, 683959 | 4.5 | 2 |
| 13 | Transcriptomic analysis of Chlorella sp. HS2 suggests the overflow of acetyl-CoA and NADPH cofactor induces high lipid accumulation and halotolerance. <i>Food and Energy Security</i> , 2021 , 10, e267 | 4.1 | 2 |
| 12 | SLALOM, a flexible method for the identification and statistical analysis of overlapping continuous sequence elements in sequence- and time-series data. <i>BMC Bioinformatics</i> , 2018 , 19, 24 | 3.6 | 1 |
| 11 | Systematic transcriptomics reveals a biphasic mode of sarcomere morphogenesis in flight muscles regulated by Spalt | | 1 |
| 10 | mitoXplorer, a visual data mining platform to systematically analyze and visualize mitochondrial expression dynamics and mutations | | 1 |
| 9 | RNfuzzyApp: an R shiny RNA-seq data analysis app for visualisation, differential expression analysis, time-series clustering and enrichment analysis <i>F1000Research</i> , 2021 , 10, 654 | 3.6 | 1 |
| 8 | A Tad-like apparatus is required for contact-dependent prey killing in predatory social bacteria | | 1 |
| 7 | The enigmatic meiotic dense body and its newly discovered component, SCML1, are dispensable for fertility and gametogenesis in mice. <i>Chromosoma</i> , 2017 , 126, 399-415 | 2.8 | 0 |
| 6 | AnnoMiner is a new web-tool to integrate epigenetics, transcription factor occupancy and transcriptomics data to predict transcriptional regulators. <i>Scientific Reports</i> , 2021 , 11, 15463 | 4.9 | O |
| 5 | Introducing the novel Cytoscape app TimeNexus to analyze time-series data using temporal MultiLayer Networks (tMLNs). <i>Scientific Reports</i> , 2021 , 11, 13691 | 4.9 | 0 |
| 4 | Evolution of mechanisms controlling epithelial morphogenesis across animals: new insights from dissociation-reaggregation experiments in the sponge Oscarella lobularis. <i>Bmc Ecology and Evolution</i> , 2021 , 21, 160 | 21 | O |
| 3 | BCL-XL blockage in TNBC models confers vulnerability to inhibition of specific cell cycle regulators. <i>Theranostics</i> , 2021 , 11, 9180-9197 | 12.1 | О |
| 2 | Protein Domains of GTPases on Membranes: Do They Rely on Turing Mechanism? 2007 , 33-46 | | |
| 1 | RNfuzzyApp: an R shiny RNA-seq data analysis app for visualisation, differential expression analysis, time-series clustering and enrichment analysis. <i>F1000Research</i> ,10, 654 | 3.6 | |